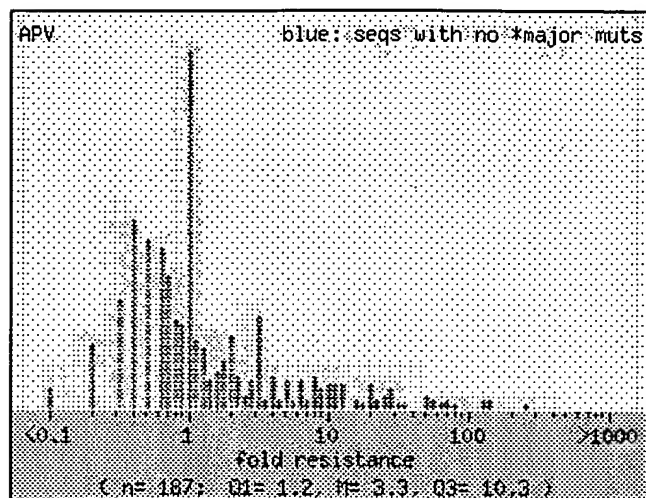




Detailed Protease Phenotype Query

Mutations	K20, M36	References	35
Drugs	APV	Isolates	196
Assay	ANY	Results	197
WithNoOtherMajorMuts No			



Drug susceptibility results of sequences matching input query are shown in the table below. Literature references are indicated, as well as the isolate name and type and a list of major, minor and other mutations. The fold resistance to the indicated antiretroviral drug is indicated in the last column of the table. Data is also summarized above in graphical format. Blue bars indicate the range of resistance of those sequences with no *major drug resistance mutations (mutations at position 8,24,30,32,46,47,48,50,53,54,73,82,84,88,90) and red bars indicate the fold resistance of sequences matching the input query. The total number of sequences(n), the median fold resistance(m), as well as the first(Q1) and third quartile(Q3) are indicated.

Author (yr)	Type	Isolates	Major	Minor	Other	Method	Drug	Fold
Condra (1996)	Clinical	ptBW32	I54V, V82A	L10I, K20M, M36I, L63P, A71T	E35D, R41K	Condra-96	APV	1.0
		ptBW48	L24I,	L10I,	E35D,	Condra-96	APV	4.0

		RC-V19341	L24I, V82A	L10I, K20I, M36I, L63P, A71V	I15V, R57K	Virco	APV	0.5
<u>Falloon</u> (2000)	Clinical	JF03-8w	L24I, M46L, I54V, V82A	L10I, K20R, M36I, L63P	I15V, I62V, K70Q, L89M	Mitsuya- PBMC	APV	24.0
<u>Parkin</u> (2000)	Clinical	SD-1_11	I54V, V82T	L10I, K20I, M36I, L63P, A71V	I13V, E35D, N37D, Q58E, I66F	Virologic	APV	1.2
		SD-1_4	I54V, V82T	L10I, K20I, M36I, L63P, A71V	I13V, E35D, I66F	Virologic	APV	0.9
		SD-1_5	I54V, V82T	L10I, K20I, M36I, L63P, A71V	I13V, E35D, N37DN, I66F	Virologic	APV	1.0
<u>Petropoulos</u> (2000)	Clinical	P268	I54V, V82T, I84V, L90M	L10I, K20R, M36I, L63P, A71V		Virologic	APV	5.2
		P648	D30N	K20R, M36I, L63H, A71V		Virologic	APV	0.4
		P682	M46L, I54V, V82A, L90M	L10I, K20R, M36I, L63P, A71V		Virologic	APV	10.8
<u>Shulman</u> (2000)	Clinical	CA10670	M46I, G48V, I54T, V82A	L10I, K20R, M36I, L63P, A71V, V77I, I93L	L23F, E35D, N37D, I62V, I72X	Virologic	APV	8.3
		CA4371	G73S, L90M	L10I, K20I, M36I, L63P	I15V, Q58E, I62V	Virologic	APV	3.1
		CA9982	V32I, M46I, I47V, G73S,	L10IL, K20R, M36I, L63P,	E35D, N37E, R41K, K70TK	Virologic	APV	3.5